

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A mobile concrete pump with
a structural frame (14) mounted on a truck undercarriage (10) of a truck chassis (12), supportable upon the ground upon lifting of the truck undercarriage, with a boom stand (22) rotatable about a vertical axis (20) and provided upon the structural frame (14) and with a concrete distribution boom (24) in the form of a multi-arm articulated boom, including a first boom arm (1) pivotable relative to the boom stand (22) via a first articulation linkage (A) with horizontal articulation axis and further boom arms (2 through 7) pivotable relative to each other via articulation linkages (B-G) about horizontal articulation axis, and

a trailer (32) connectable with the truck undercarriage (10) via a coupling member (36) when in the transport configuration, the trailer including a pivot mount (40) rotatable about a vertical axis for receiving the set of arms projecting beyond the end of the truck undercarriage (10) in the travel configuration, in which a second boom arm (2) is folded out relative to the first boom arm (1) in the extended position of the second articulation linkage (B) and at least some of the remaining boom arms (3 through 7) configured in the folded configuration together with the first boom arm (1) form the coupling arm (36), and

wherein the second articulation linkage (B) is freely pivotable about its articulation axis when in the travel configuration.

2. (previously presented) The mobile concrete pump according to Claim 1, wherein the vertical axis (20, 38) of the boom stand (22) and the pivot mount (40) form the free rotation axis of the coupling arm (36) in the transport configuration.
3. (previously presented) The mobile concrete pump according to Claim 1, wherein in the transport configuration the first articulation linkage (A) between boom stand (22) and first boom arm (1) is locked in its position facing backwards counter to the direction of travel of the truck undercarriage (10).
4. (canceled)
5. (previously presented) The mobile concrete pump according to Claim 1, wherein the pivot mount (40) is limitedly pivotable about an axis (46) running transverse to the trailer longitudinal axis.
6. (previously presented) The mobile concrete pump according to Claim 1, wherein the pivot mount (40) is rotatable about the vertical axis (38) of the trailer (32).
7. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) is coupleable with the truck undercarriage (10) via a, preferably telescopic, tow bar.
8. (previously presented) The mobile concrete pump according to Claim 1, wherein trailer (32) is self-steering.
9. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) includes at least two, preferably hydraulically, coupled steering wheels (50).

10. (previously presented) The mobile concrete pump according to Claim 8, wherein the trailer (32) includes a steering device coupled electronically with a steering device of the truck undercarriage (10).
11. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) includes a motorized wheel drive.
12. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) in the decoupled condition is drivable unto or liftable with the truck undercarriage (10) as ballast.
13. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) carries a pump unit (26) with material supply container (38), which in the operating condition is connectable on the outlet side with a conveyor line provided on the distribution boom.
14. (previously presented) The mobile concrete pump according to Claim 1, wherein the truck undercarriage side structural frame (14) carries a pump unit (26) with material supply container (28), which on its outlet side is connectable with a conveyor line (30) provided on the distribution boom.
15. (previously presented) The mobile concrete pump according to Claim 1, wherein the boom arms (1 through 7) of the distribution boom (24) are connected with each other in a combined ZRZ- or RZRZ-fold.

16. (previously presented) The mobile concrete pump according to Claim 1, wherein the distribution boom (24) is at least four arm, preferably six or seven arm.
17. (previously presented) The mobile concrete pump according to Claim 1, wherein the set of arms (42), when in the travel configuration, are bolted with the pivot mount (40) of the trailer (32).
18. (previously presented) The mobile concrete pump according to Claim 1, wherein a set of arms comprised of all boom arms (1 through 7) is supportable upon the truck undercarriage (10) in the folded-in configuration to form a construction site transport configuration.
19. (previously presented) The mobile concrete pump according to Claim 1, wherein the trailer (32) is at least a two axle trailer.
20. (previously presented) The mobile concrete pump according to Claim 19, wherein the trailer (32) is a three to five axle trailer.
21. (previously presented) The mobile concrete pump according to Claim 1, wherein at least one of the remaining boom arms (6) in the travel configuration lies upon the truck undercarriage side structural frame or on the first boom arm.
22. (previously presented) The mobile concrete pump according to Claim 21, wherein in the transport configuration the last boom arm (6) of a six arm concrete distribution boom (24) is folded out from the set of arms (42) in the direction of the truck undercarriage (10) and lies thereupon together with the first boom arm (1).

23. (new) A mobile concrete pump with

a structural frame (14) mounted on a truck undercarriage (10) of a truck chassis (12), supportable upon the ground upon lifting of the truck undercarriage, with a concrete pump provided on the structural frame (14), with a boom stand (22) rotatable about a vertical axis (20) and provided upon the structural frame (14) and with a concrete distribution boom (24) in the form of a multi-arm articulated boom connected to said boom stand (22), including a first boom arm (1) pivotable relative to the boom stand (22) via a first articulation linkage (A) with horizontal articulation axis and further boom arms (2 through 7) pivotable relative to each other via articulation linkages (B-G) about horizontal articulation axis, and

a trailer (32) connectable with the truck undercarriage (10) via a coupling member (36) when in the transport configuration, the trailer including a pivot mount (40) rotatable about a vertical axis for receiving the set of arms projecting beyond the end of the truck undercarriage (10) in the travel configuration, in which a second boom arm (2) is folded out relative to the first boom arm (1) in the extended position of the second articulation linkage (B) and at least some of the remaining boom arms (3 through 7) configured in the folded configuration together with the first boom arm (1) form the coupling arm (36), and

wherein the second articulation linkage (B) is freely pivotable about its articulation axis when in the travel configuration.